Curriculum Mapping for South Dakota Essential Core Standards

| X = Not taught |
| I = Introduced |
| R = Reinforced |
| P = Proficient/practiced |

Grade 11 Math – Patterns, Relations, & Functions
Includes core standards from grades 9-10

Indicator 1: Analyze and describe the properties and behaviors of relations, functions, and related inverses.			
Standard	**Curriculum Map (X, I, R, P)**	**Resources**	**Actions Needed**
1. (9) use various representations of functions e.g. graphs, tables, symbolic forms) to interpret linear functions			
2. (10) demonstrate and explain the effect that changing coefficients and/or constants has on the graph of a linear function			
Indicator 2: Apply relations and functions to complex problem-solving situations.			
Standard	**Curriculum Map (X, I, R, P)**	**Resources**	**Actions Needed**
1. (9) identify natural phenomena that are cyclical			
2. (10) compare and contrast, and extend arithmetic and geometric patterns of growth and use them to make predictions			